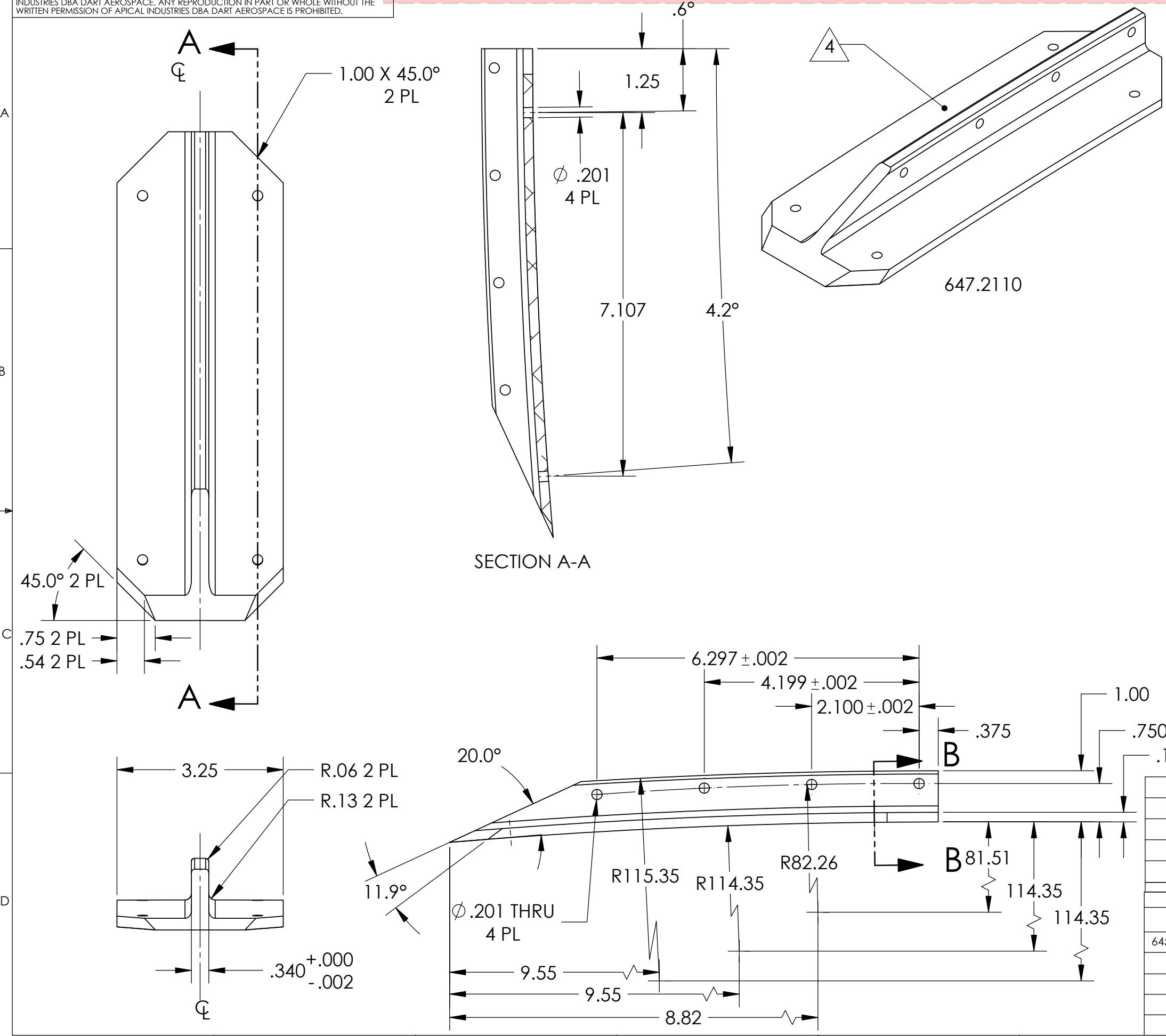


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REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
	LAST PROTOTYPE REVISION: PR2		N/C
NC	INITIAL RELEASE	08/05/09	P. BRAVO
A	INCORPORATED ECN 02695 ,02961, 03920	06/07/13	P. BRAVO
B	INCORPORATED ECN 03956	07/01/13	P. BRAVO
C	INCORPORATED ECN 05326	02/26/16	P. BRAVO
D	INCORPORATED ECN 05368, 05409, 05494	07/25/16	P. BRAVO
E	INCORPORATED ECN 05556	09/09/16	P. BRAVO
F	INCORPORATED ECN 06617	02/18/21	J. GARDINER

- NOTES:
- 1 MATERIAL: ALUMINUM 7075-T651 PER AMS-QQ-A-250/12
  - 2 FINISH IAW MPP-172, SECTION 2.1, 3.3 & 4.3; 1-2 MIL MAX
  - 3. DEBURR AND BREAK ALL SHARP EDGES
  - 4 IDENTIFY IAW MPP-120.
  - 5 HOLE LOCATIONS CONTROLLED BY 647.2110.
  - 6 HOLE LOCATIONS CONTROLLED BY SOLIDWORKS MODEL P/N 647.2114, LAST SAVED 02/29/16.
  - 7 HOLE LOCATIONS CONTROLLED BY SOLIDWORKS MODEL P/N 647.2112.



		5	647.2114	UPPER U CHANNEL	1	2
		4	647.2113	LOWER RAIL	1	2
		3	647.2112	UPPER U CHANNEL	1	2
		2	647.2111	UPPER RAIL	1	2
		1	647.2110	LOWER RAIL	1	2
FIND #		PART #		DESCRIPTION	MAT'L	SPEC.
QTY		PARTS LIST				
NEXT ASSY (S)		ORIGINAL DATE (MO-DA-YR)		08/05/09		
645.1700, 647.1300		DRAWN BY		S. HUFF		
		CHECKER		P. BRAVO		
		DRAWING APPROVAL		P. BRAVO		
		08/05/09				
		CONTRACT No.				
		UNLESS OTHERWISE SPECIFIED		DIMENSIONS ARE IN INCHES		
		TOLERANCES ARE:		2 PLACE DECIMALS ±.01		
				3 PLACE DECIMALS ±.005		
				ANGLES ± .5°		
		SIZE		CAGE CODE	DWG. NO.	REV.
		B		07MZ6	647.2100	F
		SCALE		NONE		SHEET 1 OF 5

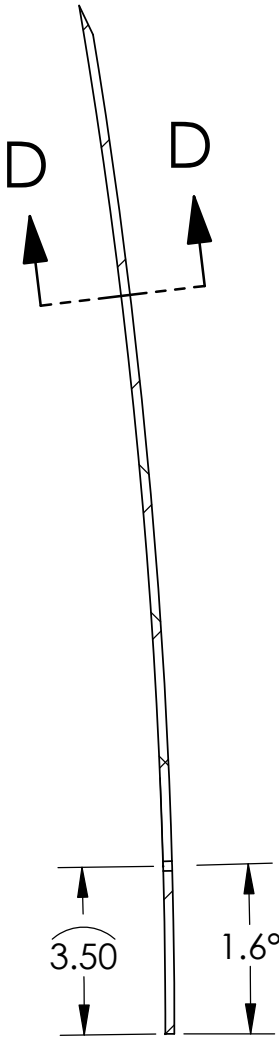
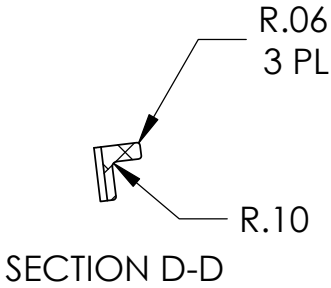
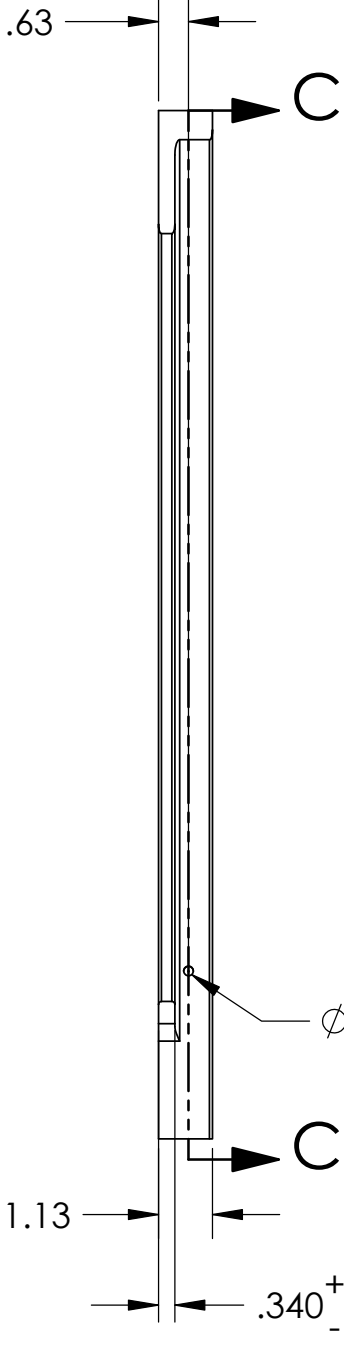
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A

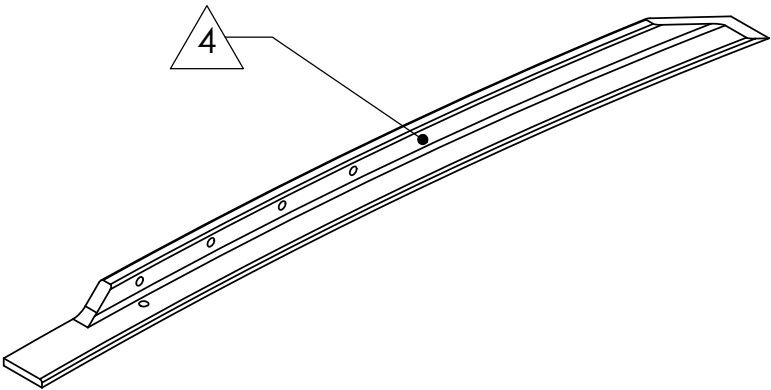
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C

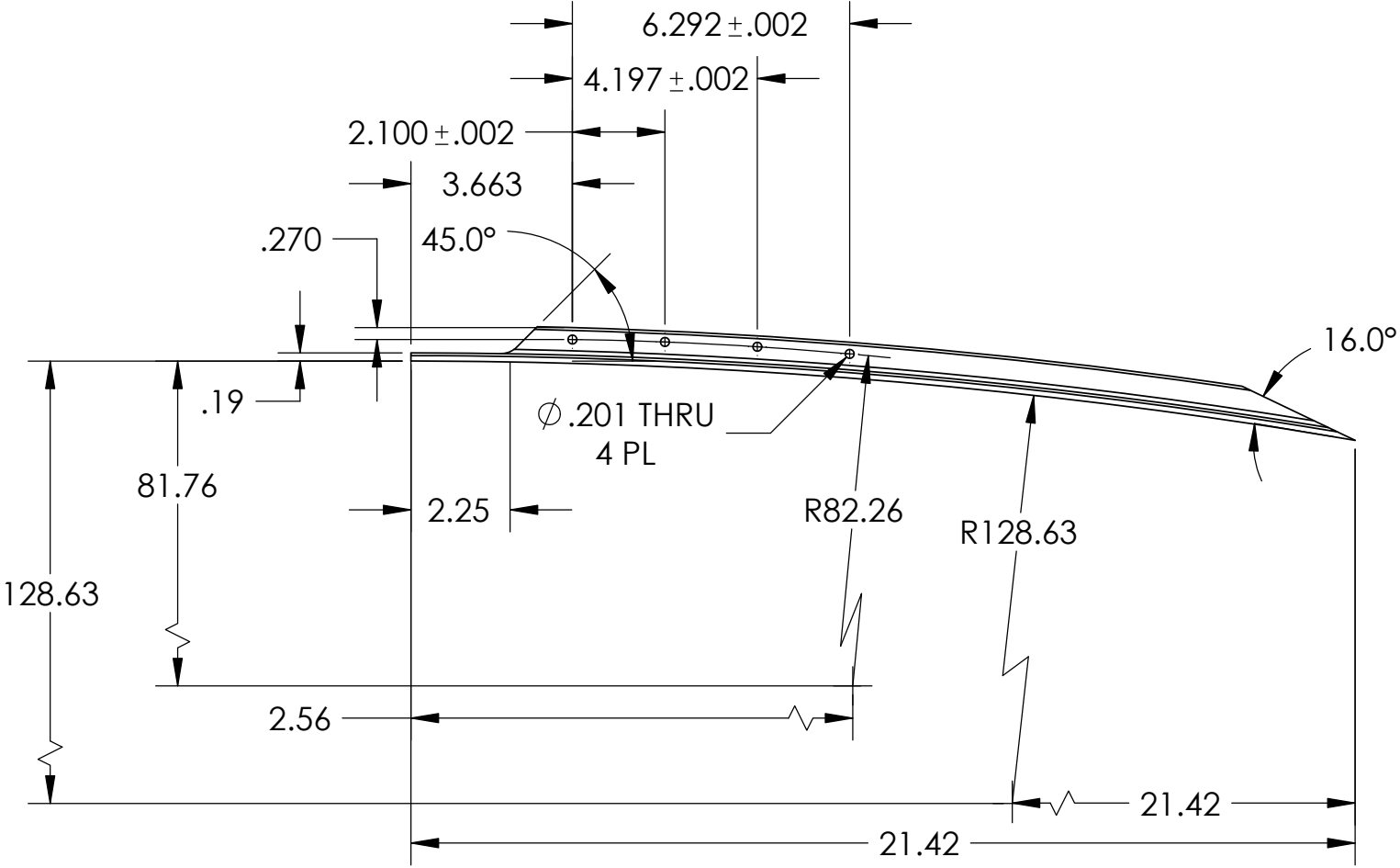
D



SECTION C-C



647.2111



ORIGINAL DATE (MO-DA-YR)	08/05/09
DRAWN BY S. HUFF	CHECKER P. BRAVO
DRAWING APPROVAL P. BRAVO 08/05/09	
CONTRACT No.	

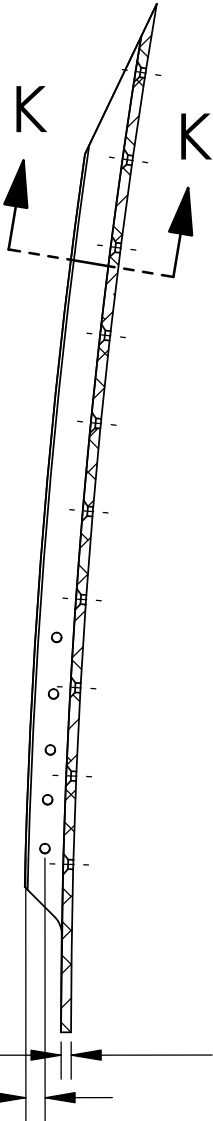
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS $\pm .01$ 3 PLACE DECIMALS $\pm .005$ ANGLES $\pm .5^\circ$			
---	--	--	--

<b>DART</b> AEROSPACE APICAL INDUSTRIES, INC. dba DART AEROSPACE		3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300	
MOUNTING RAIL			
SIZE B	CAGE CODE 07MZ6	DWG. NO. 647.2100	REV. F
SCALE NONE		SHEET 2 OF 5	

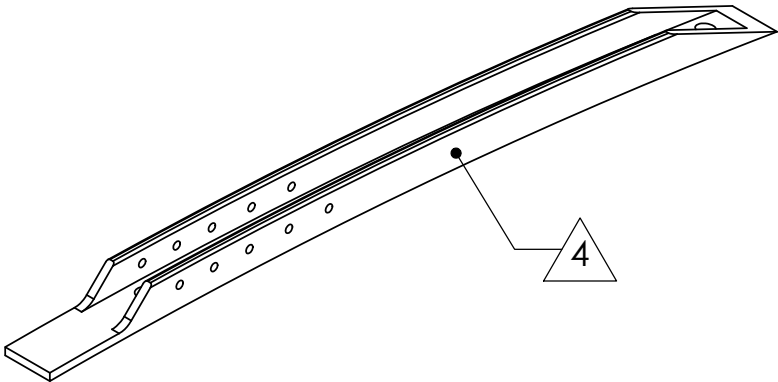
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R.06 4 PL

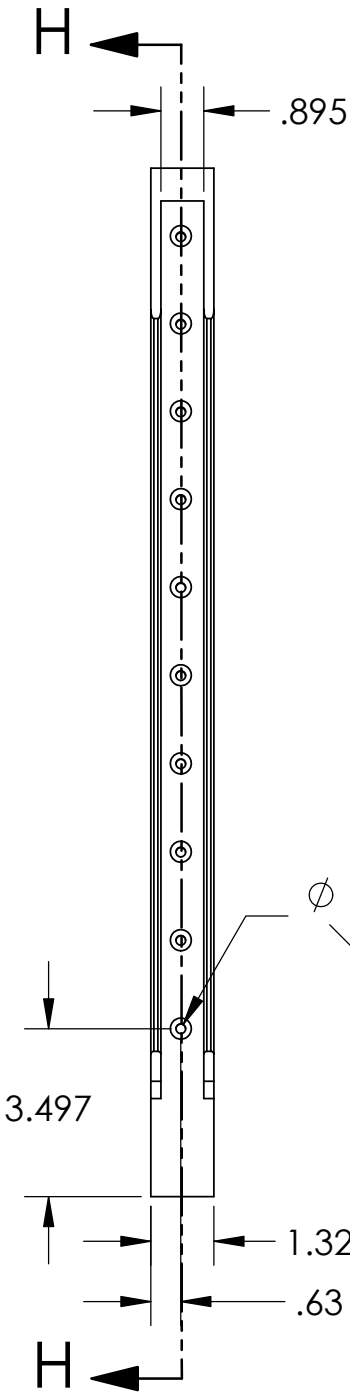
SECTION K-K



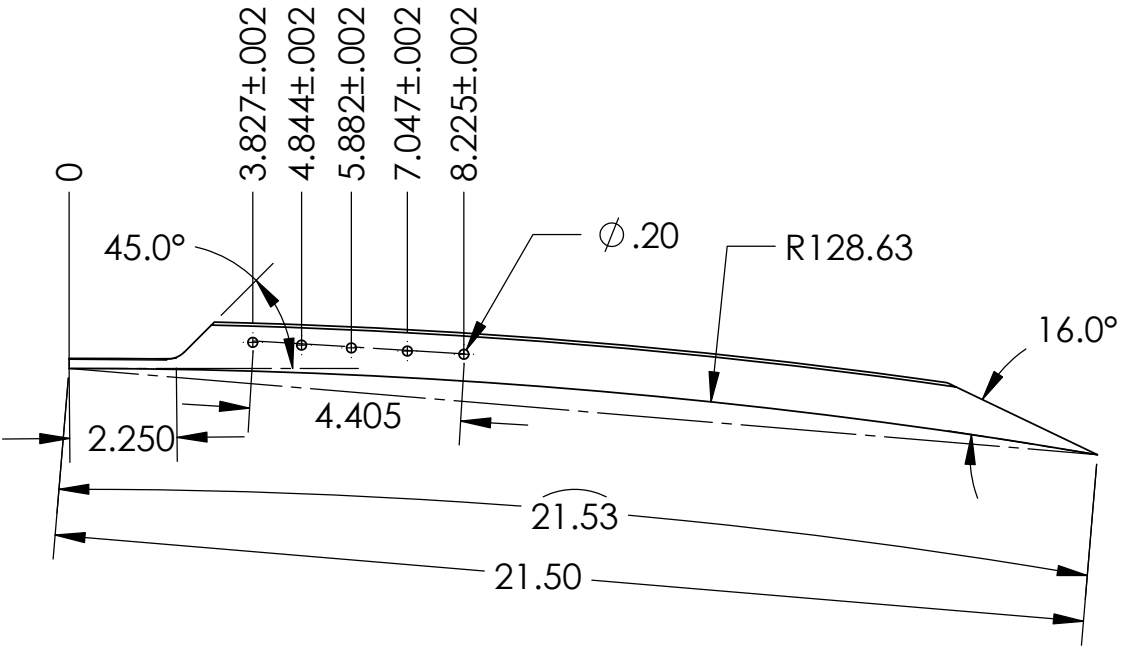
SECTION H-H



647.2112



Ø .201 THRU 10 PL  
.439 X 100°



ORIGINAL DATE  
(MO-DA-YR) 08/05/09  
DRAWN BY S. HUFF  
CHECKER P. BRAVO  
DRAWING APPROVAL  
P. BRAVO  
08/05/09  
CONTRACT No.

UNLESS OTHERWISE SPECIFIED  
DIMENSIONS ARE IN INCHES  
TOLERANCES ARE:  
2 PLACE DECIMALS ±.01  
3 PLACE DECIMALS ±.005  
ANGLES ± .5°

**DART**  
AEROSPACE  
APICAL INDUSTRIES, INC.  
dba DART AEROSPACE  
3030 ENTERPRISE CT.,  
SUITE A  
VISTA, CA. 92081  
(760)-724-5300

MOUNTING RAIL

SIZE	CAGE CODE	DWG. NO.	REV.
B	07MZ6	647.2100	F
SCALE NONE			SHEET 3 OF 5

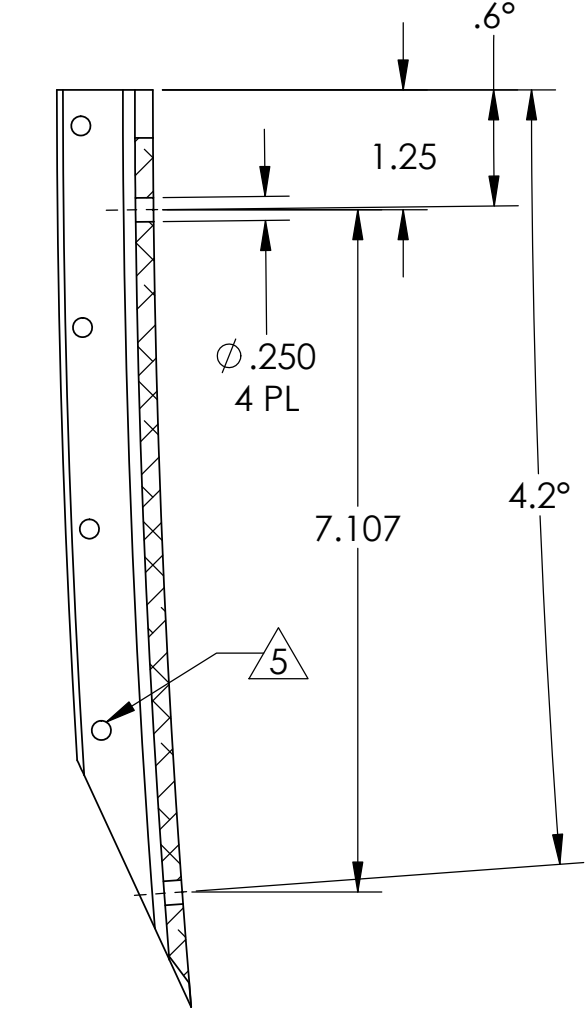
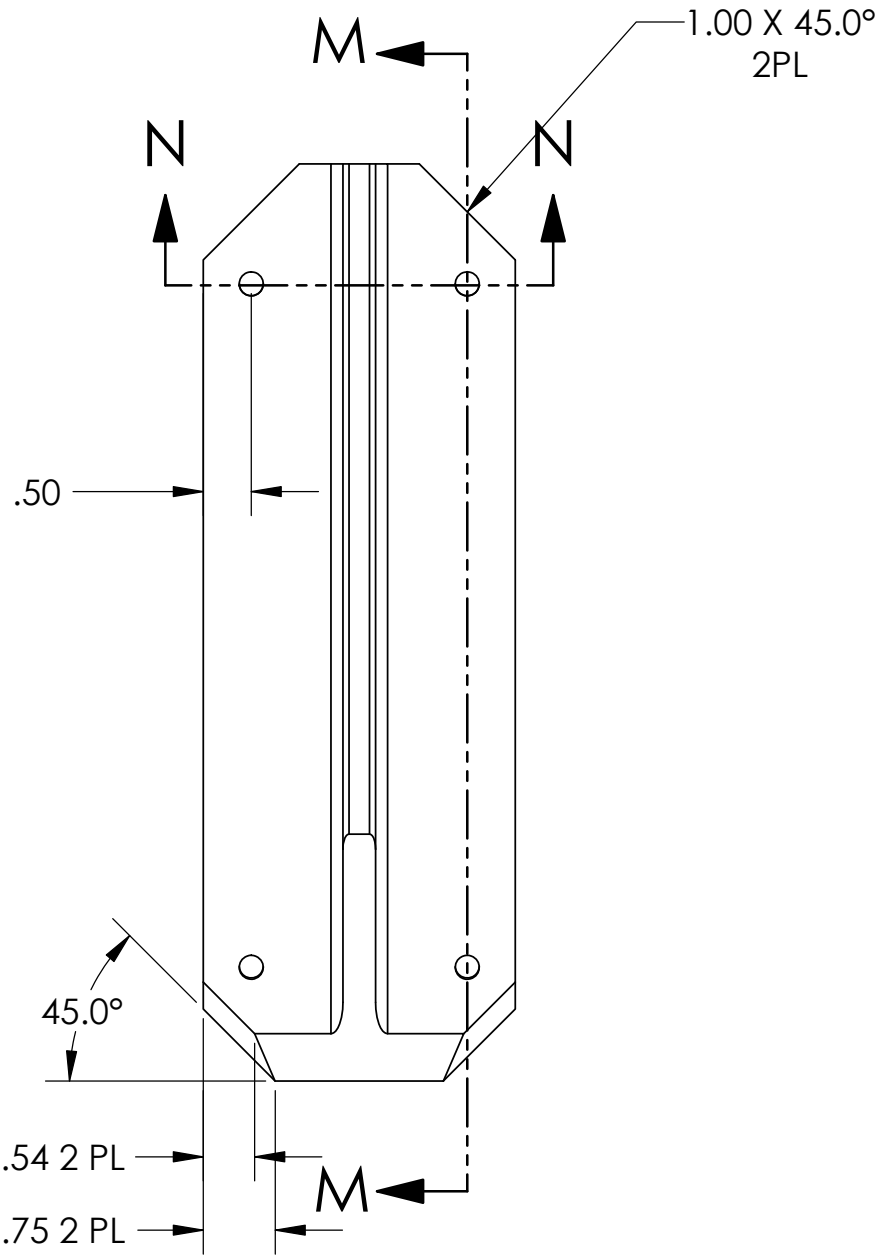
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A

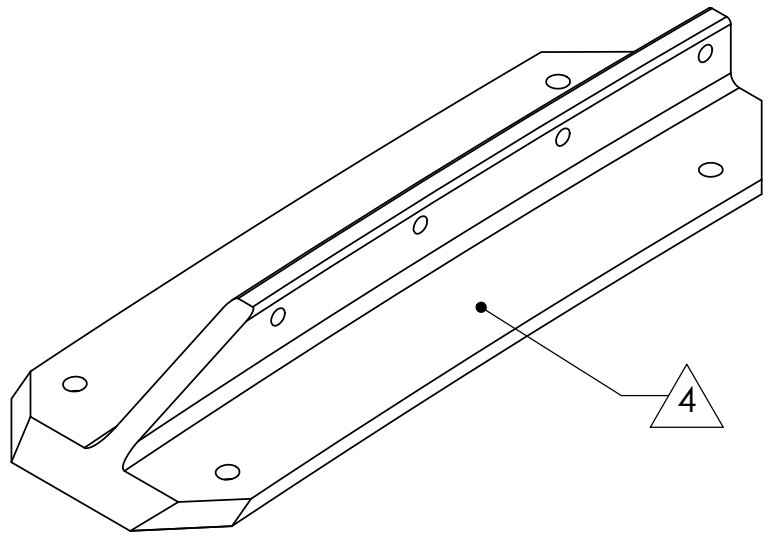
B

C

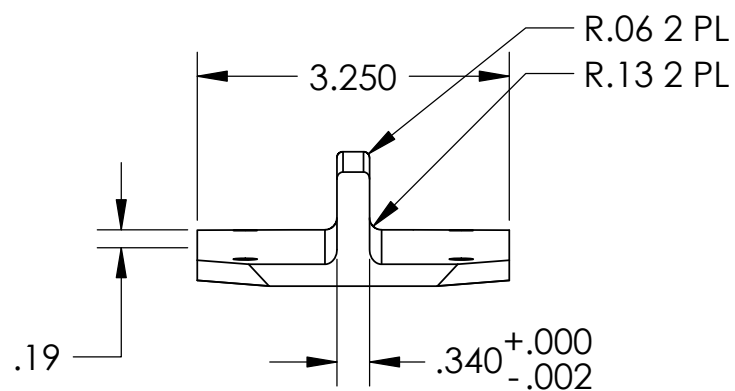
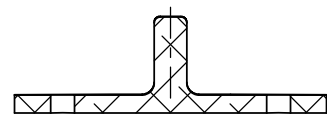
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SECTION M-M



647.2113



ORIGINAL DATE (MO-DA-YR)	08/05/09
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DRAWING APPROVAL P. BRAVO 08/05/09	CONTRACT No.

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DIMENSIONS ARE IN INCHES  
TOLERANCES ARE:  
2 PLACE DECIMALS ±.01  
3 PLACE DECIMALS ±.005  
ANGLES ± .5°

**DART**  
AEROSPACE  
APICAL INDUSTRIES, INC.  
dba DART AEROSPACE

3030 ENTERPRISE CT.,  
SUITE A  
VISTA, CA. 92081  
(760)-724-5300

MOUNTING RAIL				
SIZE B	CAGE CODE 07MZ6	DWG. NO. 647.2100	REV. F	
SCALE NONE			SHEET 4 OF 5	

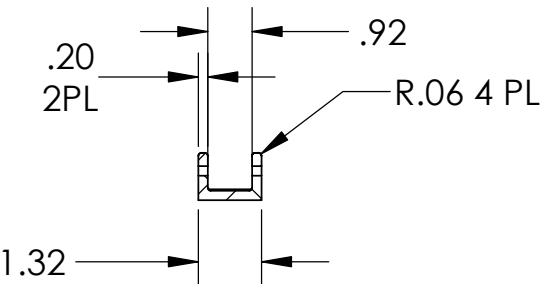
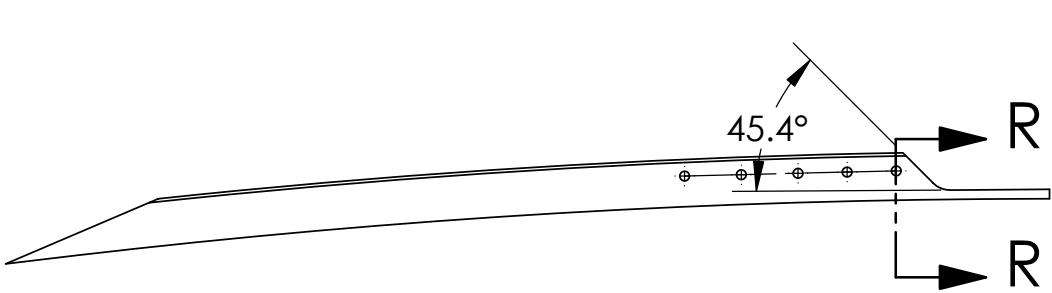
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A

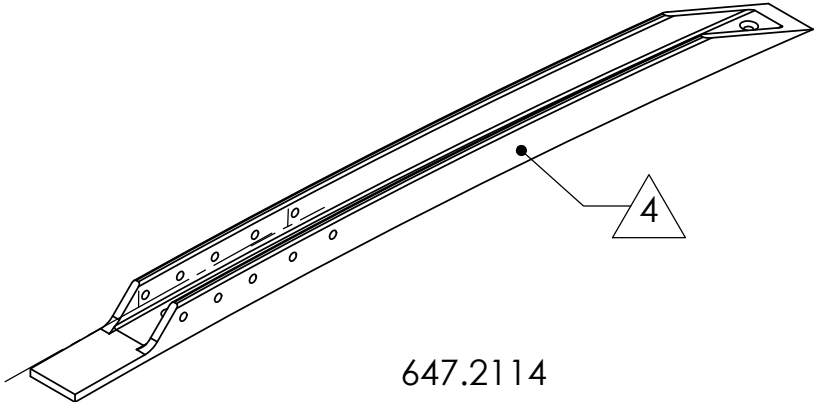
B

C

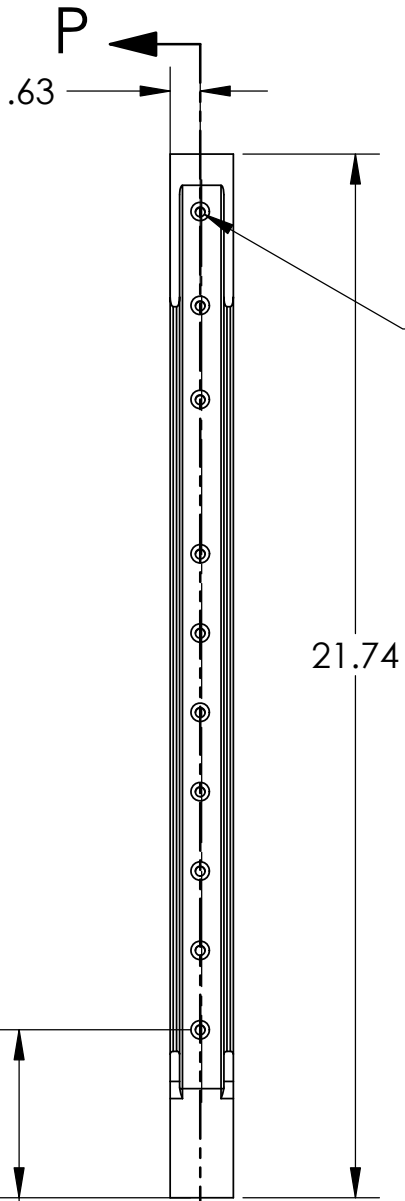
D



SECTION R-R



647.2114



10X  $\phi$  .201 THRU ALL  
 $\phi$  .39 X 100°



R175.00

$\phi$  .20  
THRU ALL  
5PL



TYP

.20

0

- 7.601±.002
- 6.420±.002
- 5.240±.002
- 4.216±.002
- 3.193±.002

SECTION P-P

ORIGINAL DATE (MO-DA-YR)	08/05/09
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DRAWING APPROVAL P. BRAVO 08/05/09	CONTRACT No.

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3 PLACE DECIMALS ±.005  
ANGLES ± .5°



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SUITE A  
VISTA, CA. 92081  
(760)-724-5300

MOUNTING RAIL

SIZE	CAGE CODE	DWG. NO.	REV.
B	07MZ6	647.2100	F
SCALE NONE		SHEET 5 OF 5	